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Nuclear PDFs in eA collisions at the LHeC

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The Large Hadron-Electron Collider LHeC is a proposed upgrade of the LHC to study ep/eA collisions in the TeV regime, by adding a 60 GeV electron beam through an Energy Recovery Linac. In this talk new results are presented on the physics prospects on energy frontier eA collisions with this machine, with emphasis new results on the precise determination of nuclear parton densities.

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